PAVIO™

PVR30T

Quick Reference

Manual

DATEXX

Notes: : For the Complete Manual Go to Http://www.paviotime.com

Table of Contents

Safety Instructions

Do not attempt to disassemble, repair or alter the equipment yourself. The high-voltage circuitry in the equipment poses significant electrical hazard.
Do not attempt to disassemble, alter or directly solder the battery.
Do not put the battery in a fire, attempt to heat it, uses it in high temperature environment such as next to a fire or inside a car.
Do not put it into water or allow it to get wet.
Do not use batteries that are significantly damaged or deformed.
Turn off the power immediately in the event of irregularity, such as the equipment emitting smoke or a strange smell. Remove the battery as soon as possible, avoiding electric shocks or burns.
Keep the battery and memory card used in this product out of the reach of children to prevent accidental ingestion.
Do not try to format the storage media by PC.

Naming Parts

See the Quick Setup Card for additional Pavio parts ID.

μ Rotate / Volume key	⊙ *(VOLUME)*
Cross / OK Key	/ / / / ⊙
Cancel Key	↺ *(CANCEL)*
Home Key	▤ *(HOME)*
LCD Monitor	

Top

Push to lock

① ② ③

Push to open Card Door   Push to turn the power on / off
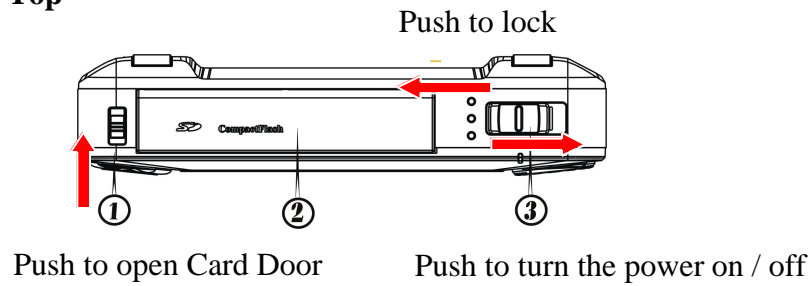
Card Door Switch

Card Door

Power / Lock Switch

Bottom

① ②

Push, then lift to open the Battery Door

Power Connector

PAVIO Base Connector w/door

Battery Door

Left View

①   AV Terminal / Earphone Jack

②   USB Terminal

③   DC IN

Back

Setting Pavio in its Base

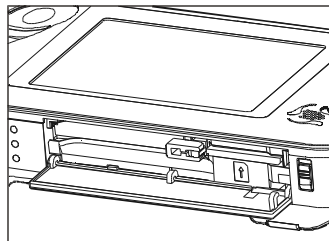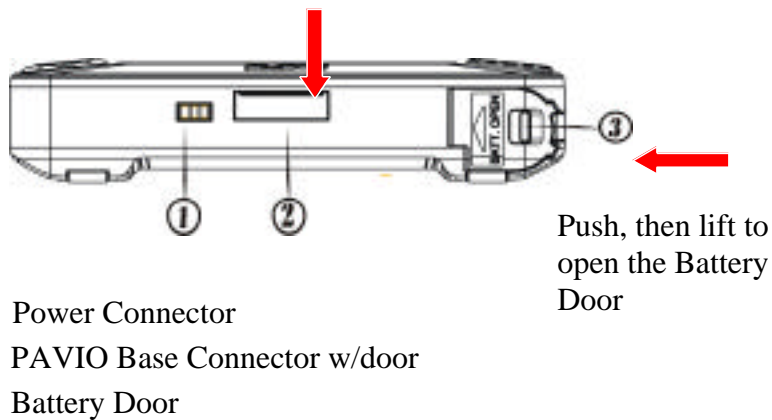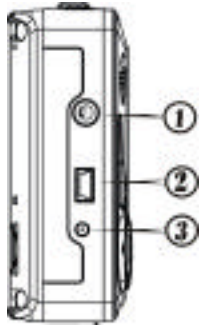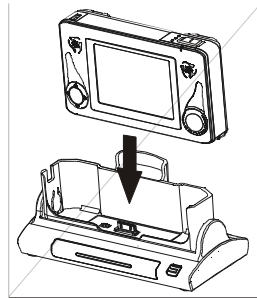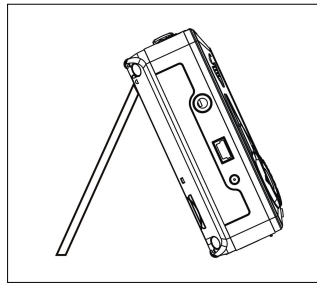*First, open the door on the bottom of the unit to expose the connector on the Pavio.*

1.   *Getting Started*

Connections

See the Quick Setup Card (supplied in owner's package) for connection details and channel setup.

Setting Date and Time

Setting the date and time when you first use the PAVIO and each time you change time zone on trips.

€   Date is displayed in YYYY MM DD.

€   Time is displayed in 24-hour / 12-hour (AM / PM) clock
       format.

€   Setting is possible from [2004/01/01 00:00] to
       [2099/12/31/ 23:59]

   Turn on the Pavio .

   Select <Set up> with   /   /   (or VOLUME) key and then press OK key.

€ The set up menu will be displayed.

        Select [Set date / time] with   /   key and then press   key.

        € The set date/time menu will be displayed.

        Select [Year], [Month], [Day], or [Time (Hour / Minute/

        Format)] with   /   key and set the numeral with   /   key.

   After the date and time have set, select End and press OK key to complete the setting, then return to the set up menu.

Auto Power Off

NOTES: : Factory Default setting does not utilize Auto Power OFF. We recommend leaving this setting untouched.

Auto LCD Off

The LCD monitor of the PAVIO will turn off automatically to conserve the battery.
NOTES: : Factory Default setting does not utilize Auto Power OFF. We recommend leaving this setting untouched.

Formatting the Disk

***Formatting the disk removes all operating systems as well as the data stored, and is not recommended.

Formatting the Memory Media

Do not try to format the storage media by PC.

1. Select <Set up> with   /   /   (or VOLUME) key and then press OK key. The set up menu will be displayed.
2. Select [Format disk] with   /   key, and then press   key.
3. Select the memory media (disk) with   /   key and then press   key.

Resetting All Setting (Return to Factory Default)

This function allows you to reset all settings and return them to the factory defaults.

Turn on the Pavio .

Select <Set up> with   /   /   (or VOLUME) key and then press OK key.

€ The set up menu will be displayed.

Select [Reset all settings] with   /   key and then press   key

€ Message " Want to reset all settings? ".

Press OK key. .

About Memory Cards

You may use internal and external memory as storage media in this unit. Unit must be off when inserting and removing memory devices.

Internal Memory: Hard Disk
External Memory: 1.Secure Digital Memory (SD) Card Slot.
CompactFlash Memory (CF) Card
Microdrive Slot available

Battery Facts

Status Indicator

€ When the battery symbol is solid the unit is fully charged.
This symbol indicates that the battery needs rechargiong soon.

Charging the Battery

You can use AC Adapter or USB Cable to recharge the battery.

Using the AC Adapter to Recharge Battery

You can charge the battery using the AC Adapter while PAVIO is turned on or off.
Batery charging is complete when the red LED goes off.

Load the battery into the PAVIO.

Connect the power cord to the AC Adapter.

Connect the AC Adapter cable to DC IN jack of unit.

Connect the other end of the AC Adapter to a wall outlet.

€ The battery will be now recharged through AC Adapter.

IMPORTANT
DO NOT try to remove the battery during recharging (RED LED) until RED LED
display goes off.

Using the USB Cable to Recharge the Battery
Pavio must be off when using the USB cable to recharge the   battery.

Load the battery into the PAVIO

Turn on the PC.

Connect the USB cable to USB port of the PAVIO.

Connect the other end of the USB cable to the USB port of the PC.

€ The battery will be recharged through USB cable.

 IMPORTANT
DO NOT try to Turn on the Pavio when   using the USB method to recharge the
battery. Wait until charging is complete, and red LED goes off.

How to select disk (memory media)

Because you may use internal memory (Hard Disk) and external memories (SD Card &
CF Card) in this PAVIO, so you can select the disk as you like to view files when you
have all memories in the PAVIO.

Turn on the Pavio and set to <My movie>, <My
picture>, <**My music**>, <**My voice**>, or <**File
manager**>.

Press **OK** key.
 € The disk menu and file menu
   will be displayed
 €   The disk menu is highlighted.
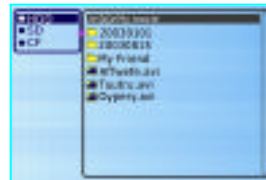
ω Press   /   key to select HDD, SD, or CF.

2. *Watching and Recording TV*

To operate TV mode PAVIO must be in the Base.. You must use the AC Adapter as the power source when using PAVIO Base. Because of the built-in TV tuner, it is possible to watch one channel with your PAVIO, while recording another.

Turn on the Pavio .

Select <TV mode> with /   /   (or VOLUME) key and then press OK key.

€ The TV mode menu will be displayed.

Select [Video input] with   /   key and then press   key.

€ The Video input menu will be displayed.

€ Select [TV in], [AV in], or [S Video] with   /   key.

Auto Scanning Channels

You can use the PAVIO as a television to watch TV program.This function offers two options: CATV and Antenna.See the Quick Setup Card (supplied in owner's package) for connection details and channel setup.

Timer Recording

NOTES:

€   The PAVIO must be connected to the PAVIO Base.

€   For how to connect the PAVIO Base to DVD (VCD) or
              TV, please check [Video input] function.

€   The PAVIO must be turned on to stand by.

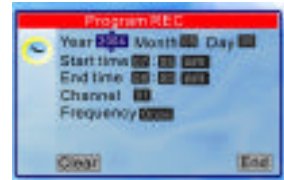Turn on the Pavio .

Select <TV mode> with   /   /   (or VOLUME) key and then press OK key.

€ The TV mode menu will be displayed.

Select [Program REC] with   /   key and then press   key.

€ The program time setup menu will be displayed.

Select the item (Year, Month, Day, Start time, End time, Channel, or Frequency) you need to set with   /   key and set the item with   /   key.

[End] icon t   and return to TV mode menu.
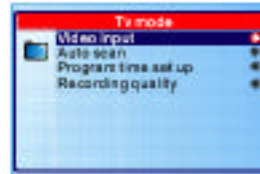
[at] icon to   eset.

Choosing the Recording Quality

This PAVIO offers 3 types of recording quality: QVGA (1 Mbs), VGA(2 Mbs), and VGA Fine (4 Mbs).

Turn on the Pavio .

Select <TV mode> with   /   /   (or VOLUME) key and then press OK key.

€ The TV mode menu will be displayed.

Select [Recording quality] with   /   key and then
press   key.

€ The recording quality menu will be displayed.

Select a recording quality with   /   key.

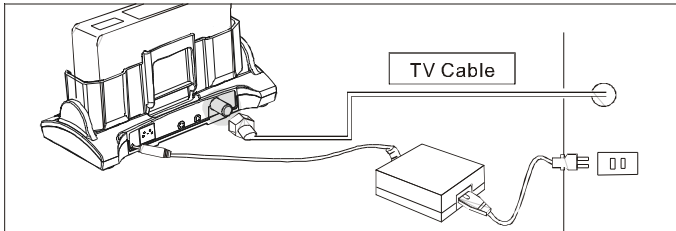Press OK key to complete the setting and return to the TV mode menu.

How ro Record a TV Program

NOTES:

€　　　You must use AC Adapter as the power source
　　　　when recording.

　Connecting PAVIO to PAVIO Base

€　　　Check if the PAVIO has been connected to the PAVIO Base
€　　　Check if the TV cable has been connected to the PAVIO Base
　　€　　　Check if the AC Adapter has been connected to the PAVIO Base
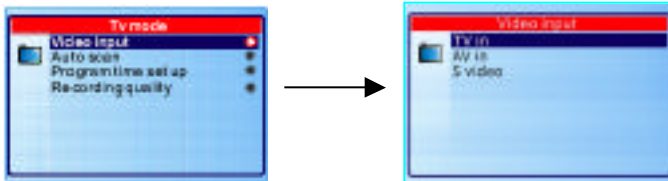

　　　　Turn on the Pavio .

　　　　Select <TV mode> with　 /　　/　 (or VOLUME) key and then press OK key.
　　　　€ The TV mode menu will be displayed.

　　　　Select [Video input] with　 /　 and then press　 key.
　　　　€ The Video input menu will be displayed.

　　　　Select [TV in] with　 /　 key and enter [TV in] mode with OK key.
　　　　€ TV program will be played in PAVIO.

　　　　Select the TV channel with　 /　 key.
　　　　€ Press CANCEL key to return to Video input menu.

　　　　Press RECORD key in the PAVIO Base or Remote Control to make recording.
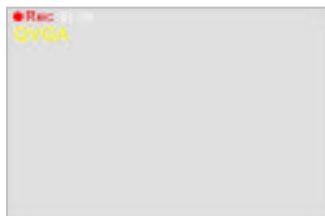
NOTES:

€ The record will be saved in / HDD / MY MOVIE /.

€ The folder will be named, for example, 100TV_IN

€   The file will be named, for example, TV_IN 100.AVI, TV_IN101.AVI, etc.

€ The separated files for one program will be named, for example, TV_IN100.AVI, TV_IN100A.AVI, etc.

€ When play files, the separated files for one program will be played one by one automatically.

€ The file name of the separated files for one program can not be changed.

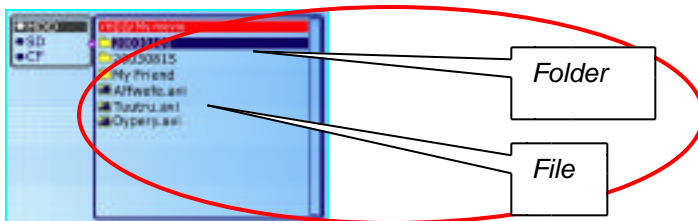**How to playback the file you recorded**

Please refer to "How to watch movie in PAVIO" section.

3.   *How to Watch Movies in PAVIO*

1. From the main menu, select My Movie
2. Press OK key.
 € The disk menu and file menu will be displayed.
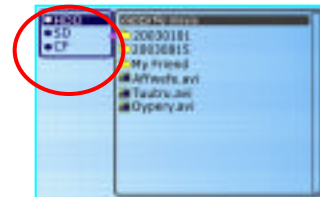
3. Switch the control from disk menu to file menu with   key and then select the folder / file with   /   key.

€ Press   key to switch back to disk list.

    Folder

    File

4. When a file is selected:
 ▪ Press **OK / PLAY** key to play the file.
 ▪ If it is a big size file, the processing bar will be displayed.

After playback, the screen returns to the beginning of the file.

Downloading and Uploading Files

1.   Turn on the power of your PC and the PAVIO.
2.   Set PAVIO to " Main User Interface (mode screen)".
3.   Use the USB Cable to connect the PAVIO and PC.
4.   Double click (to open) " My Computer".
5.   Double click the folder of My Movie, My Music, My Picture, My Voice" which under the newly created "Removable Device (G, H, and I)". Then you can download files from PC and upload files to PC.

IMPORTANT
  If you disconnect the cable before closing the Mass
  Storage, the
  Storage Destination (the hard disk) will be damaged.
  If the Removable Device (hard disk) cannot be found in your PC, please check if you have installed the driver or if there is an error in the storage media.

4.   *My Pictures & Presentations*

Presentations may be produced in PowerPoint, converted to JPEG, and exported to Pavio for busines uses.

Slides & Photos

Turn on the Pavio and set the mode to <My picture>.

Press **OK** key.
€ The disk menu and file menu will be displayed.

Switch the control from disk menu to file menu with   key.
    € Switch back to the disk menu   with   key

Select a file with   /   key. When a file is selected, a thumbnail will be displayed.

    Press **OK / PLAY** key to play the file.
NOTES: *While playback a file (JPEG file), you can set the files playback automatically. The auto playback time can be set to 3 seconds, 5 seconds, 10 seconds, 30 seconds, or 60 seconds.*
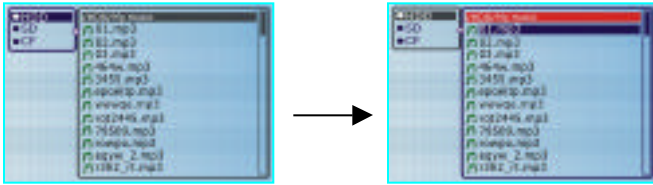
5.   *How to Play Music*

Turn on PAVIO and set the mode to <My music.
Press OK key.
    € The disk menu and file menu will be displayed.
Switch the control from disk menu to file menu with   key.

€   Switch back to the disk menu with key.

€   Select a file with / key.

Press OK / PLAY key to play the file.

€   During playback, press PLAY key again to pause.

€   After playback, the screen returns to the beginning of the file.

NOTES:

€   During playback, press CANCEL key to cancel the playback and return to file menu.

€ During playback, rewind the file with key, press PLAY key to resume.

€   The additional functions of Repeat, Shuffle, Bass, and Treble can be set in My voice

€   The LCD monitor is turned off in 30 seconds during playback if no operation is performed (no keys are pressed). Press any key to turn on the LCD monitor.

Repeat

This function allows you to set single music file or all music files to be played repeatedly.

During playback the music file, please follow the steps below to set [Repeat].

Press OK key. € The MP3 additional functions menu will be displayed.

Select [Repeat] with / key.

€ Press / key to set the function to Off, One, or All.

Press OK key to complete the setting and return to playback screen.

€   *If you set [One], the currently played music will be repeated until you stop this function.*

€ If you set [All], all music files will be repeated until you stop this function.

Shuffle

During playback the music file, please follow the steps below to set [Shuffle].

1. Press OK key.
    ▪ The MP3 additional functions menu is displayed.
2. Select [Shuffle] with / key.
3. Press / key to set the function to Off or On.
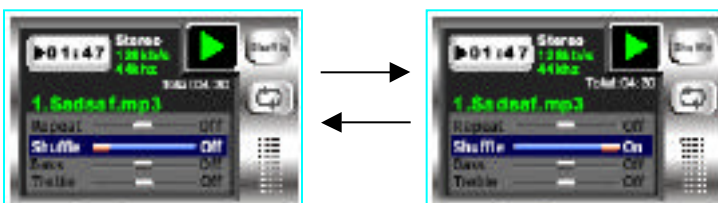
4. Press OK key to complete the setting and return to playback screen. All files will be played randomly.

NOTES: S for Shuffle

Shuffle	Repeat		
	Off	One	All
Off	Play the current music until the last one	Keep playing the current music	Play music orderly
On	Play the current music until the last one randomly	Keep playing the current music	Play music randomly

Other Adjustments

Bass   During playback the music file, please follow the steps below to set [Bass].

Press OK key.

€ The MP3 additional functions menu will be displayed.

NOTES:

€   The additional functions of Repeat, Shuffle, Bass, and Treble in My music can be set in My voice

6.   *How to Record Voice*

Turn on the Pavio and set the mode to <My voice>.

Press OK key.

€ The disk menu and file menu will be displayed.

€ Press OK key again and starts recording.

€ Press STOP / CANCEL / HOME key to stop
                                recording.

€ The file will be named as VOICE100.WAV,
                                VOICE101.WAV, etc.

→   After recording, the file will be saved under the
          folder of 100VOICE

How to play Voice Files

Turn on the Pavio and set the mode to <My voice>.

Press OK key the disk menu, and file menu will be displayed.

Switch the control from disk menu to file menu with

key and then select the folder / file with   /   key.

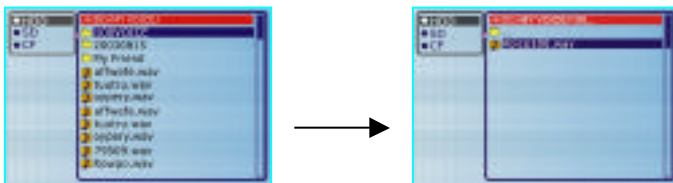€   Press   key to switch back to disk list.

When a file is selected:

Press OK / PLAY key to play the file.

€   After playback, the screen returns to the beginning
                                    of the file.

When a folder is selected:

Press OK key, and then select file with   /   key.

Press OK / PLAY key to play the file.

€   After playback, the screen returns to the beginning
             of the files.

7.   *File Manager*

Using the Keyboard

Accessing the on-Screen Keyboard

When you enter the Create, Rename, or Search functions

Press   key.

€ The Input Field and the Keyboard will be displayed.

€ Cursor will be displayed in Input Field.

Title (If you are in Create
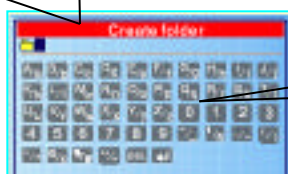
Keyboard

Press OK key to switch the cursor from Input Field to Keyboard.

€ A is highlighted.

Select a letter with

/ / / key.

€ The selected letter will be displayed in Input Field.

€ Turn VOLUME key to shift the letter from upper case to lower case.

Press OK key.

€ Letter is entered and cursor moves forward.

€ Press OK key again to switch the cursor from Input Field to Keyboard, then follow Steps to input letters until you finish.

When you finish, press / / / key to select , and press OK key.

€ The folder in the name you designed will be created.

Copying/Transferring Files

This function allows you to copy files from HDD to SD (CF), SD to HDD (CF), or CF to HDD (SD).

Turn on the Pavio .

Select <File manager> with / / (or VOLUME) key and then press OK key.

€ The disk menu and file menu will be displayed.

Switch the control from disk menu to file menu with key

€ The file menu and function menu will be displayed.
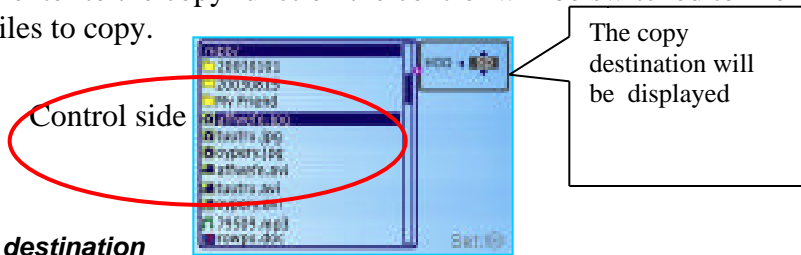
€ Switch back to the disk menu with key.

Function Menu

Control

Select a key.
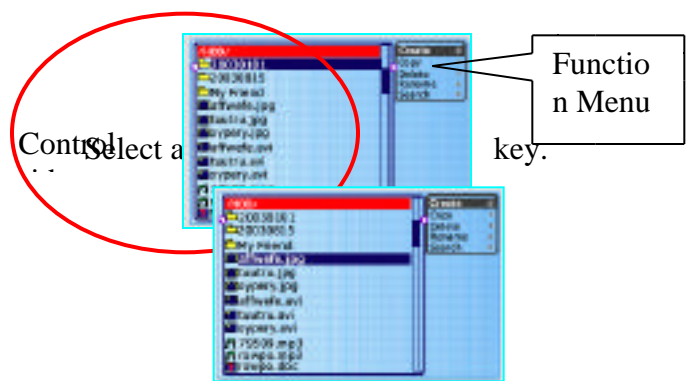
Switch the control from file menu to function menu

with key, then select [Copy] with / key.
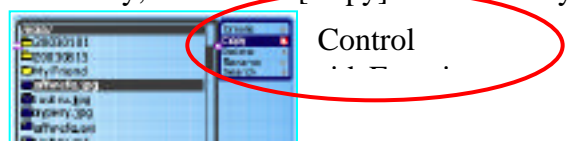
Control

Enter copy function with key.

€ When enter to the copy function the control will be switched to file menu, then you can select files to copy.

Control side

The copy destination will be displayed

How to change copy destination

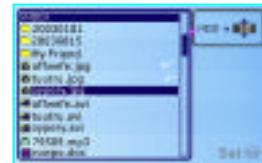€ Press OK key first, then press key to switch the control to destination menu.

€ Select the copy destination with / key.

€ After the copy destination has been set, you have to press key to switch the control back to file menu.

For example, change to CF

Press / key to select file and then press OK key to set the file you want to copy.

€ Repeat and set the other file.

| Press key when you finish the selection.

} Press OK key and then press / key to select folder.

€ The file menu of the copy destination will be displayed.
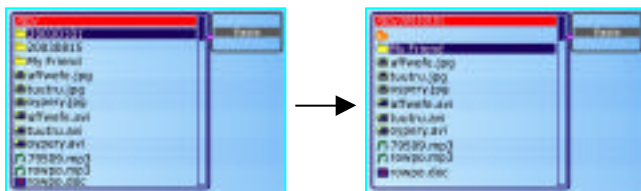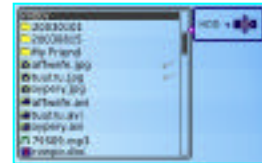
∨ **Start to copy**

Press　key to highlight "Paste" and then press OK
　　　key to start copying your files to the assigned folder.
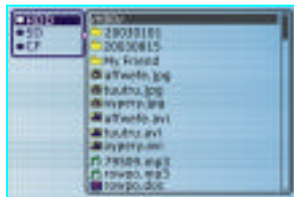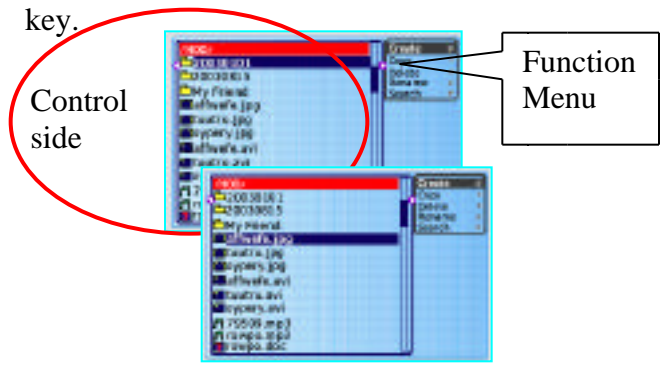

This function allows you to delete one file or several files at one time.

　　　Turn on the Pavio .

　　　Select <File manager> with　/　/　(or VOLUME) key and then press OK key.

　　　€ The disk menu and file menu will be displayed.

　　　Switch the control from disk menu to file menu with
　　　key

　　　€ The file menu and function menu will be displayed.

　　　€ Switch back to the disk menu with　key.

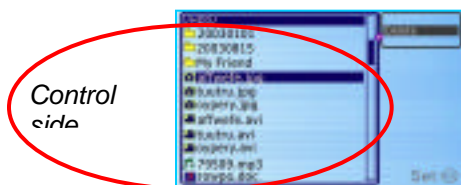Control side

Function Menu

　　　Select a folder or file with　/　key.

Switch the control from file menu to function menu with　key and then select [Delete] with　/　key.

　　　Enter delete function with　key

　　　€ When enter to the delete function the control will be
　　　　　switched to file menu, then you can select files to
　　　　　　　delete.

Control side

{   Select file you want to delete with / key.

       € Each time you select a file, you need to press OK key, then the file
will be selected and highlighted. To select more files, repeat this step.

→   After you select the files you want to delete

| Press   key, then press OK key to delete the selected files.
           € Files will be deleted and return to the screen of Step
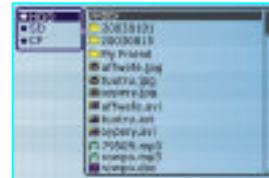   and the first file or folder will be highlighted.

Renaming Files

This function allows you to rename a folder for your own.

Turn on the Pavio .

Select <File manager> with / / (or VOLUME) key and then press OK key.

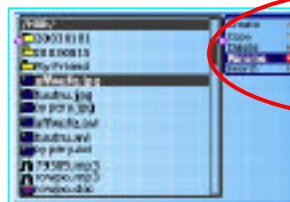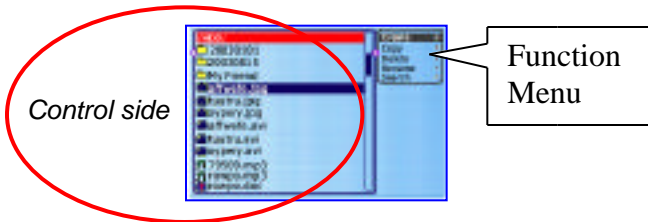€ The disk menu and file menu will be displayed.

Switch the control from disk menu to file menu with
key.

    €   The file menu and function menu will be displayed.

  €   Switch back to the disk menu with   key.

Switch the control from file menu to function menu with   key and then press /
key to select [Rename].

Control side

Press υ key.

€   The Keyboard and Input Field will be displayed,
      lease follow "How to use keyboard" to rename
          our folder / file.

Searching

This function allows you to search the file you do not exactly remember the file name.

Turn on the Pavio .

Select <File manager> with ／ ／ (or VOLUME) key and then press OK key.

€ The disk menu and file menu will be displayed.

Switch the control from disk menu to file menu with key.

€   The file menu and function menu will be displayed.

€   Switch back to the disk menu with key.

Control side

Function Menu

Switch the control from file menu to function menu with key and then press ／ key to select
[Search].

Control side

ψ *Press υ key.*
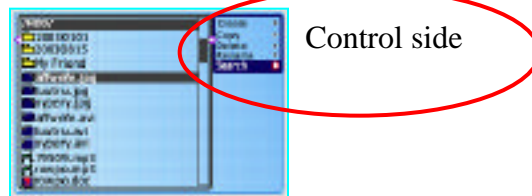
€   The Keyboard and Input Field will be displayed,
please follow "How to use keyboard" to search file.

8.   Set Up Mode

This chapter has 10 sections:

Checking Hard Disk Space

This function allows you to check how much space still left in hard disk (HDD).

        Turn on the Pavio .
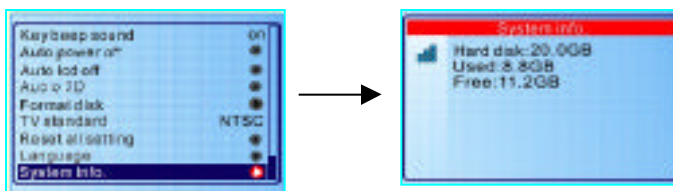

        Select <Set up> with   /   /   (or VOLUME) key and then press OK key.

        € The set up menu will be displayed.

Select [System info.] with   /   key and then press
        key.

        € The hard disk information will be displayed.
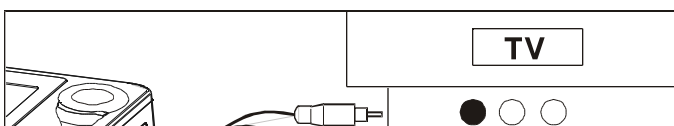

Playing Stored Files on your TV

By connecting the PAVIO to a TV by AV Cable supplied with the PAVIO, you can play
recorded files on the TV.

        Check that both PAVIO and TV are turned off.

        Connect the AV Cable to the AV Out terminal in the
            PAVIO.

        Connect the other end of the AV Cable to the AV In terminal on the TV.

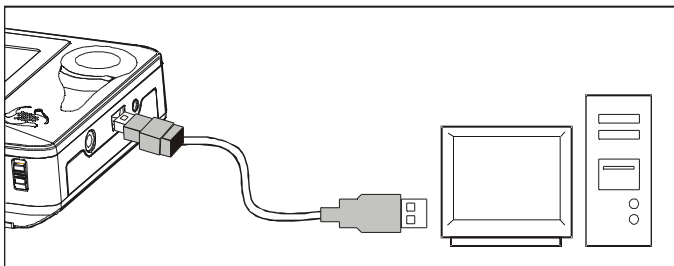
NOTES:

   The LCD Monitor will be off if connect the AV Cable
to the PAVIO.

   Make sure that the PAVIO is turned off if connect the
AC Adapter to the PAVIO

Playing File on PC

′ Connecting

By connecting the camera to a PC by USB Cable supplied with the PAVIO, you can
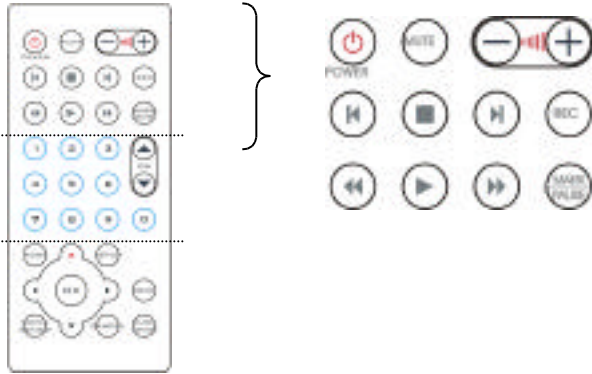transfer files to PC.

NOTES:

€ For Mac users, you need to install DivX codec to play your recorded file (recorded by
PAVIO) in PC, please download DivX codec from DivX Website.

9. *Using the Remote Control*

NOTES: : The remote control is used only with PAVIO in its Base.

Keys Function

In Remote	Functions	PAVIO Body
⏻	power On / Off	POWER key
MUTE	Silent	no
⊖◀◉▶⊕	adjust volume	VOLUME **key**
	stop	STOP key
l ◀	previous File	key
▶ l	next File	key
REC	record	no (Record key in PAVIO Base)
◀◀	rewind	key
▶▶	fast forward	key
	play	PLAY **key**
MARK PAUSE	pause	PAUSE **key**
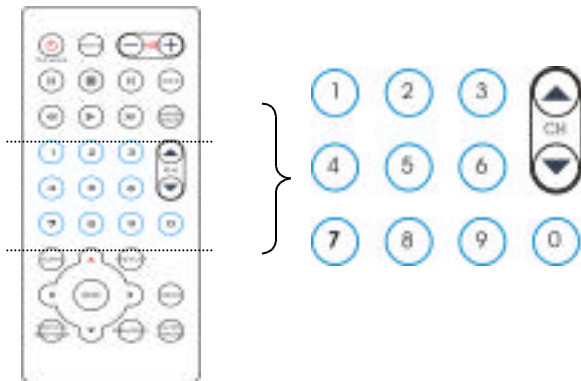
In Remote	Functions	PAVIO Body
	to select channel	/ key
to	use number key to select channel / other function	no
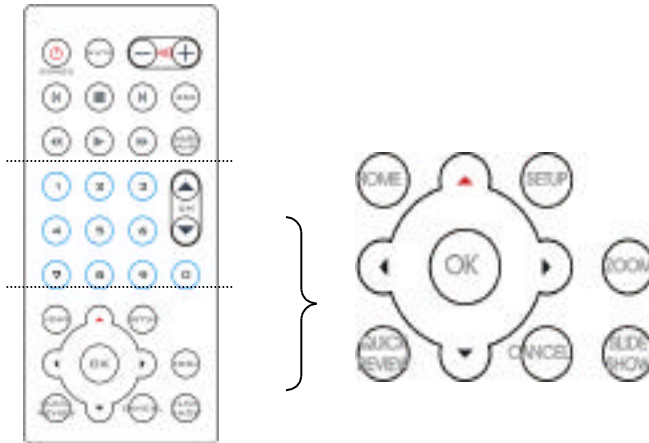
In Remote	Functions	PAVIO Body
HOME	return to mode screen	HOME key
SETUP	to enter set up mode	X
ZOOM	zoom playback	X
OK	confirm setting	OK key
CROSS	/ / /	*CROSS* key
QUICK REVIEW	quick review	X
CANCEL	cancel and return to previous screen	*CANCEL* key
SLIDE SHOW	for playing slide show	X

10.   *Application Software*

Pavio comes with two Software packages, found on the installation CD.

   MusicMatch®

   Dr.DivX®

Instructions for installation and use can be found within the programs themselves, once they are installed. While Datexx cannot support this software, full support for these applications may be found on the Internet at the vendor's website.

11.   *Specifications*

Pavio Unit

General	
Power Source	3.7V Rechargeable Lithium-Ion battery AC Adapter 5.0V / 2.0A (optional accessory)
Dimensions (LxHxW)	PAVIO: 140.4(L) X 30.5(H) X 80.4(W)(mm) PAVIO Base (Option): 164.2(L) X 56.3(H) X 80(W)(mm)
Weight	Approx. 288.6g (10.2 oz) (without battery)
Operating Conditions	Temperature: 0 C to 40 C (32 F to 104 F) Humidity: 85% or less
Storage Temperature	-20 C ~ 60 C (-4 F to 140 F)

ϒ *Storage Media*	
Internal Memory	Hard Disk: 30GB / 40GB / 60GB / ☐80GB
External Memory	CompactFlash Memory Card Slot (for Type I & II) Secure Digital Memory Card Slot

ϒ *Technical Specification*	
USB Interface	2.0
Image Playback	JPEG (EXIF 2,.2)
	IMA ADPCM @ WAV

Audio Playback	IMA ADPCM @ WAV
Video+Audio Playback	MP3 — MPEG 4 + IMA ADPCM @ AVI kbs:32 ~ 320.VBR (Frame Rate: 640*480: 30FPS) Khz: 64 - MPEG 4 + MP3 @ AVI (Frame Rate: 640*480: 30FPS)
Audio Recording	IMA ADPCM @ WAV
	- MPEG 4 + IMA ADPCM @ AVI
	- Recording Quality: 1.QVGA: 1M bps 2.VGA: 2M bps 3.VGA Fine: 4M bps
LCD Monitor	3.5" TFT LCD
Television Standard	NTSC / PAL
Connections in PAVIO	AV Out (Earphone jack) / USB / DC IN
Connections in PAVIO Base	DCIN / S Video / AV Out Terminal / AV In Terminal / TV Tuner

IMPORTANT
- *Regarding the MPEG 4 + MP3 @ AVI in Video + Audio Playback format, the MP3 we support 22.05KHz or 44.1KHz / below128bps.*

PC System Requirements

Platform	Windows	Macintosh
Operating system	98SE / 2000 with Service Pack 3 or later / ME / XP. Windows 98 is not supported,	9.x ~ 10.x (10.0 /10.1 need to be upgraded to later version)
CPU	Pentium III 500MHz or higher	iMac G3 or higher
Internet	Internet Explorer 4.0 or higher	Internet access
Hard Disk	150 MB free hard disk space	150 MB free hard disk space
Memory	64 MB RAM (128 MB recommended)	64 MB RAM (128 MB recommended)
CD-ROM drive	Yes	Yes

USB port	USB port (2.0 recommended)	USB port (2.0 recommended)